

AMENDMENTS TO THE CLAIMS

I-39. (Canceled)

40. (Currently Amended) A method of establishing a communications call, including:
enabling an A party to select a B party from a database using an interactive device connected to a public network, said public network comprising an Internet messaging network,
utilizing said Internet messaging network to send a message including identifying information of said B party to a public directory of said public network to access called address data for said B party from a public directory of said public network in response to selecting said B party,
sending said called address data for said B party and calling address data for the A party to a connection module of a public telephone network of said public network; and
establishing a call between said A party and said B party ~~parties~~ over said public network using said connection module and said called and calling address data.

41. (Previously Presented) A method of establishing a communications call, including:
enabling an A party to select a B party from a database using an interactive device connected to a public network; said public network comprising an Internet messaging network,
employing said Internet messaging network to send a message including identifying information of said B party to a public directory of said public network to search for called address data for said B party using said interactive device and a search module of said public network and a database of said public network including called address data;
sending said called address data for said B party and calling address data for an A party to a connection module of a public telephone network of said public network; and
establishing a call between said A party and said B party ~~parties~~ over said public network using said connection module and said called and calling address data.

42. (Previously Presented) The method as claimed in claim 40 or 41, wherein said interactive device is a computer and/or telephony device including a visual display.

43. (Previously Presented) The method as claimed in claim 40, wherein said interactive device is associated with said A party.

44. (Previously Presented) The method as claimed in claim 40, wherein said interactive device is a communications terminal for said call.

45. (Currently Amended) A method of originating a communications call, including:

enabling an A party to select a B party from a database using an interactive device connected to a public network, said public network comprising an Internet messaging network; and

sending, in response to selection of said B party, ~~selected party data corresponding to a~~ message including identifying information of said B party to a public directory of said public network;

whereby a connection module of a public telephone network of said public network accesses called address data for said B party in a public directory by utilizing said Internet messaging network on the basis of said selected party data to establish a call between said A party and said B party.

46. (Currently Amended) A method of originating a communications call, including:

enabling an A party to select a B party from a database using an interactive device connected to a public network, said public network comprising an Internet messaging network;

sending, in response to selection of said B party, ~~selected party data corresponding to a~~ message including identifying information of said B party to a public directory of said public network;

utilizing said Internet messaging network to obtain said called address data from a public directory of said public network in response to a search for said B party using said selected party data; and

sending said called address data for said B party to a connection module of a public telephone network of said public network for establishing a call between said A party and said B party.

47. (Previously Presented) The method as claimed in claim 45 or 46, wherein said public network further comprises at least one public telecommunications network for connecting said A and B parties.

48. (Previously Presented) The method as claimed in claim 47, wherein said messaging network provides said interactive device with a plurality of B party data.

49. (Previously Presented) The method as claimed in claim 47, wherein said messaging network accesses and forwards said called address data to said telecommunications network.

50. (Currently Amended) An interface of an interactive device for originating a communications call, including:

- a display controller for causing display of at least one B party from a database to an A party;
- a selector for enabling an A party to select a B party on said display; and
- a link which on being activated sends ~~selected party data corresponding to a message~~ including identifying information of said B party via an Internet messaging network of a public network to a public directory of a said public network, whereby said public ~~network directory~~ accesses called address data of said B party ~~in a public directory via an Internet messaging network~~ on the basis of said selected party data and forwards said called address data to a connection module of a public telephone network of said public network to establish a call between said A party and said B party.

51. (Currently Amended) An interface of an interactive device for originating a communications call, including:

- a search generator for generating a search of a database of a public directory of a public network for a B party upon request from an A party using an Internet messaging network to send a message including identifying information of said B party to said public directory;
- a data receiver for receiving results of said search;
- a display controller for causing display of said results including at least one B party to the A party;

a selector for enabling the A party to select the B party on said display; and
a link which on being activated sends selected party data corresponding to said B party to the public network, whereby said public network instructs a connection module of said public network to establish a call with said B party.

52. (Previously Presented) The interface as claimed in claim 51, wherein said results includes called address data for said B party data, and said selected party data includes called address data.

53. (Previously Presented) The interface as claimed in claim 50 or 51, wherein said interface is sent to said interactive device by said public network on request from said interactive device.

54. (Previously Presented) The interface as claimed in claim 51, wherein said public network further comprises at least one public telecommunications network for establishing said call.

55. (Previously Presented) The interface as claimed in claim 50, wherein said interface includes a hypertext page and/or an applet for establishing said link.

56. (Currently Amended) An interface stored on an interactive device connected to a public network, including:

code for generating a display on an interactive device of B party data;
code allowing an A party to select a B party from said B party data; and
code for transmitting to said public network ~~selected party data corresponding to a~~
message including identifying information of the selected B party and A party data;
whereby said public network accesses called address data for said B party in a public directory by utilizing an Internet messaging network on the basis of said ~~selected party data~~
message including identifying information of said B party and establishes a call via a public telephone network between an said A party and a said B party using said A party data and said called address data.

57. (Currently Amended) An interface stored on an interactive device connected to a public

network, including:

- code for obtaining B party data from a database;
- code for generating a display on said device of B party data;
- code allowing an A party to select B party from said B party data; and
- code for transmitting to a public network A party data and selected party data corresponding to a message including identifying information of the selected B party and A party data;
whereby said public network accesses called address data for said B party in a public directory by utilizing an Internet messaging network on the basis of said selected party data message including identifying information of the B party and establishes a call via a public telephone network between said A party and a said B party using said A party data and said called address data.

58. (Previously Presented) The interface as claimed in claim 56, wherein said B party data includes called address data and said selected party data includes called address data for the selected B party.

59. (Previously Presented) The interface as claimed in claim 56 or 57, wherein said messaging network of the public network includes a TCP/IP messaging network and said public network further comprises at least one public switched telephone network for establishing said call.

60. (Currently Amended) A system for use in establishing a communications call, including:

- a public directory accessible via an Internet messaging network including called address data for parties connected to at least one public network;

- an access module for transmitting via said Internet messaging network ~~said~~ called address data of at least a B party accessed from said public directory for display on an interactive device to an A party in response to a request received from said interactive device, and for utilizing the messaging network to receive ~~selected party data~~ from said interactive device a request to enable from the A party to select establish a call with a the B party; and

- a controller for receiving ~~said selected party data, including~~ called address data for the selected B party, and calling address data corresponding to the A party and generating, in response thereto, network control signals to cause a public telephone network of said at least one public

network to establish a call between said A party and said B party over said network.

61. (Currently Amended) A system for use in establishing a communications call, including:

a public directory database of an Internet messaging network including called address data for parties connected to at least one public network;

an access module for receiving on said at least one public network ~~selected party data corresponding to a message including identifying information of~~ a B party selected by an A party utilizing a database and accessing called address data of said B party on the basis of said selected party data from a public directory database by utilizing said Internet messaging network; and

a network controller for receiving said called address data and calling address data corresponding to the A party and generating, in response thereto, network control signals to cause a public telephone network of said at least one public network to establish a call between said A party and said B party over said network.

62. (Previously Presented) The system as claimed in claim 60 or 61, wherein said network includes at least one public telecommunications network, such as a PSTN, for receiving said control signals and establishing said call, and wherein the messaging network comprises the Internet, for passing data between the A party, the access module and the network controller.

63. (Previously Presented) The system as claimed in claim 61, wherein the access module includes directory data from said directory database for display by said A party.

64. (Previously Presented) The system as claimed in claim 60 or 61, including a search module accessible by said A party over said network for searching said directory database.

65. (Previously Presented) The system as claimed in claim 60 or 61, wherein said call is established with a terminal of the A party which selects said selected B party.

66. (Previously Presented) The system as claimed in claim 60 or 61, wherein said call is established with a terminal of the A party which is separate from the terminal selecting said B party.

67. (Previously Presented) The system as claimed in claim 60 or 61, wherein the address data includes a party terminal number and security information.

68. (Previously Presented) The system as claimed in claim 60, wherein at least one of the calling address data and the called address data includes account information.

69. (Currently Amended) A directory server for use in establishing a communications call on at least one public network, including:

- a directory database module for accessing public directory data via an Internet messaging network, including communications address data, of parties connected to at least one public network;

- a call connection module for transmission of said public directory data to an interactive device of a user connected to a public network that comprises a messaging network and for accessing via said directory database module by utilizing said Internet messaging network, for said interactive device, in response to a request of said user public directory data of a B party;

- a call completion module for receiving a message including identifying information selected party data for the B party of said call from said interactive device and transmitting a connect message to a communication module of a public telephone network of said public network for establishing said call, said connect message including communications address data for said B party obtained using said directory database module.

70. (Currently Amended) A server for use in establishing a communications call on a public network, including:

- a call connection module for transmission to an interactive device of a user connected to a public network that comprises an Internet messaging network and for transmitting a connection message identifying an A party and a B party from said interactive device; said interactive device enabling the user to obtain party data for ~~an~~ said A party and ~~a~~ said B party from a public directory by utilizing said Internet messaging network,

- a call completion module for receiving said connection message and forwarding a connect

message to a communication module of a public telephone network of a said public network for establishing a call between said A party and said B party parties;

wherein said connection message includes data from said public directory identifying at least said B party and said connect message includes communications address data for said A party and said B party parties.

71. (Previously Presented) The server as claimed in claim 70, including a directory database module for accessing directory data, including communications address data, of parties connected to at least said public network, wherein the communications address data of said connect message for at least said B party is obtained using said directory database module.

72. (Previously Presented) The server as claimed in claim 69 or 70, comprising a TCP/IP server connected to a TCP/IP network, such as the Internet, and wherein the public network is a telecommunications network, such as the PSTN.

73. (Currently Amended) A method of establishing a call between parties, including:
utilizing an interactive device connected to a public network comprising an Internet messaging network to allow an A party to select a B party,
generating a first message in response to selection by the A party of a displayed element on the interactive device, said first message including identification of the B party;
generating a second message in response to said first message, said second message including communication addresses determined on the basis of said identification data by accessing a public directory of said public network via said Internet messaging network; and
establishing a call between the A party and the B party using a public telephone network and said communication addresses.

74. (Previously Presented) The method as claimed in claim 73, wherein the identification data is name data.

75. (Previously Presented) The method as claimed in claim 73, wherein the directory service is adapted to access a database of public communications addresses stored against respective identification data.

76. (Previously Presented) The method as claimed in claim 73, wherein selection of the displayed element invokes generation of code on the interactive device to generate and send the first message.

77. (Currently Amended) An interface of an interactive device connected to a public network that comprises an Internet messaging network, including:

a selectable displayed element which may be selected by a user of the device to select a B party; and

code for generating and sending a first message in response to selection of said displayed element, to a public directory service of the public network, said first message including identification data of said B party,

wherein said directory service determines public communications addresses on the basis of said identification data by utilizing said Internet messaging network, and sends a second message to a public telephone network to make calls to parties using said communication addresses to establish a call between the parties.

78. (Previously Presented) The interface as claimed in claim 77, wherein the identification data represents a name.

79. (Currently Amended) A method of establishing a call, including:

receiving a call request from a client device over an IP link that connects the client device to the Internet, said call request including data identifying parties for said call;

utilizing the Internet to access a public directory on a messaging network to obtain data identifying terminal of at least one of said parties,

generating a connection message, in response to said call request, including data identifying terminals for said parties; and

utilizing a public telephone network to establish ~~establishing~~ a call between said terminals in

response to said connection message.

80. (Previously Presented) The method as claimed in claim 79, wherein said terminals include two telephones.

81. (Previously Presented) The method as claimed in claim 79, wherein said terminals include a telephone and said client device having a voice over IP application.

82. (Previously Presented) The method as claimed in claim 79, wherein said terminals include said client device and a further client device both having a voice over IP application.

83. (Previously Presented) The method as claimed in claim 79, wherein said call is established over a public network, such as the PSTN.

84. (Previously Presented) The method as claimed in claim 79, wherein said receiving and generating steps are executed by a server, such as a web server.

85. (Previously Presented) The method as claimed in claim 79, wherein said connection message is sent to network equipment that executes said establishing step.

86. (Previously Presented) The method as claimed in claim 79, wherein said call request is a HTTP request.

87. (Previously Presented) The method as claimed in claim 79, wherein said client device is a computer device, such as a computer, handheld device or telephony device with a visual display.

88. (Previously Presented) The network system having components for executing the steps of a method as claimed in claim 40, 41, 45, 46, or 73.

89. (Previously Presented) Computer software having code for executing the steps of a method as claimed in claim 40, 41, 45, 46, or 73.

90. (New) A method of establishing a communications call, comprising
enabling an A party to select a B party from a database using an interactive device connected to a public network, said public network comprising an Internet messaging network,
utilizing said Internet messaging network to send a message including identifying information of said B party to a public directory of said public network to access called address data for said B party from a public directory of said public network in response to selecting said B party,
sending said called address data for said B party and calling address data for the A party to a connection module of said public network, said connection module providing a voice channel via said messaging network, and
establishing a call between said A party and said B party using said voice channel and said called and calling address data.

91. (New) The method of claim 90, wherein said interactive device executes an Internet phone application to establish said call.

92. (New) A method of establishing a call, including:
receiving a call request from a client device over an IP link that connects the client device to the Internet, said call request including data identifying parties for said call;
utilizing the Internet to access a public directory on a messaging network to obtain data identifying terminal of at least one of said parties,
generating a connection message, in response to said call request, including data identifying terminals for said parties; and
utilizing said IP link to establish a call between said terminals in response to said connection message.